

Amendments to the Claims

1-41. (Cancelled)

42. (Currently amended) A pipe flaring tool for flaring an end of a pipe, said tool comprising:

a housing;

a clamping device disposed in said housing for releasably clamping said pipe and defining a die for receiving said end of said pipe;

a first piston slidable in said housing for applying a force to said clamping device to cause said clamping device to clamp said pipe;

a tool carrier insertable into said housing through a tool carrier receiving aperture to bring a forming tool carried thereon into line with said die; and

a second piston slidable in said first piston for first applying a force to said first piston for sliding said first piston into engagement with said clamping device to apply said force and second for pressing said tool carrier towards said clamping device to move said forming tool into said end of the pipe, ~~said housing being connectable to a source of pressurized fluid for causing said sliding movement of said first and second pistons.~~

43. (New) A tool as claimed in claim 42 wherein said tool carrier comprises a plurality of tool holding stations at which respective said forming tools can be releasably fixed to said tool carrier.

44. (New) A tool as claimed in claim 43, wherein said tool carrier is slideable on a mount that is provided on said second piston.

45. (New) A tool as claimed in claim 44, wherein said tool carrier and said second piston are provided with a locating mechanism that defines respective positions at which said plurality of tool holding stations is in line with said clamping device.

46. (New) A tool as claimed in claim 42, wherein said clamping device comprises a chuck having at least three jaws and a chuck clamp, said chuck being movable in a first direction against said chuck clamp by said force applied by said first piston whereby the chuck clamp applies a radially acting compressive force to said chuck.

47. (New) A tool as claimed in claim 46, wherein said chuck comprises a tapering external surface that engages a complementary surface defined by said chuck clamp when the chuck is caused to move against said chuck clamp by said force applied by said first piston, said tapering external surface increasing in diameter in a second direction that is opposite said first direction.

48. (New) A tool as claimed in claim 42, wherein said clamping device comprises a longitudinal axis and a spring biasing mechanism for opening said clamping device to permit insertion and removal of said end of the pipe by movement along said longitudinal axis.

49. (New) A tool as claimed in claim 48, wherein said clamping device comprises a chuck having at least three jaws and a chuck clamp, said chuck being movable against said chuck clamp by said force applied by said first piston whereby said chuck clamp applies a radially acting compressive force to said chuck and said spring biasing mechanism comprises a spring acting between said chuck and said chuck clamp to bias said chuck away from said chuck clamp.

50. (New) A tool as claimed in claim 49, wherein said spring biasing mechanism comprises springs acting between the jaws of said chuck to force the jaws apart.

51. (New) A tool as claimed in claim 49, comprising a spring acting between said first and second pistons to bias said second piston away from said first piston and said chuck clamp.

52. (New) A tool as claimed in claim 51, wherein said spring acting between said first and second pistons is stronger than the spring acting between the chuck and the chuck clamp whereby sliding motion of said second piston is transmitted to said first piston via said spring acting between said first and second pistons.

53. (New) A pipe flaring tool for flaring an end of a pipe, said tool comprising:
a housing connectable to a power source;
a clamping device disposed in said housing for releasably clamping said pipe and defining a die for receiving said end of said pipe;
a piston slidable in said housing and driven by the power source, the piston for applying a force to said clamping device to cause said clamping device to clamp said pipe; and
a tool carrier insertable into said housing through a tool carrier receiving aperture to bring a forming tool carried thereon into line with said die.

54. (New) A tool as claimed in claim 53 wherein said tool carrier comprises a plurality of tool holding stations at which respective said forming tools can be releasably fixed to said tool carrier.

55. (New) A tool as claimed in claim 53, wherein said tool carrier is slideable on a mount.

56. (New) A tool as claimed in claim 54, wherein said tool carrier is provided with a locating mechanism that defines respective positions at which said plurality of tool holding stations is in line with said clamping device.

57. (New) A tool as claimed in claim 53, wherein said clamping device comprises a chuck having at least three jaws and a chuck clamp, said chuck being movable in a first direction against said chuck clamp by said force applied by said piston whereby the chuck clamp applies a radially acting compressive force to said chuck.

58. (New) A tool as claimed in claim 57, wherein said chuck comprises a tapering external surface that engages a complementary surface defined by said chuck clamp when the chuck is caused to move against said chuck clamp by said force applied by said piston, said tapering external surface increasing in diameter in a second direction that is opposite said first direction.

59. (New) A tool as claimed in claim 53, wherein said clamping device comprises a longitudinal axis and a spring biasing mechanism for opening said clamping device to permit insertion and removal of said end of the pipe by movement along said longitudinal axis.

60. (New) A tool as claimed in claim 59, wherein said clamping device comprises a chuck having at least three jaws and a chuck clamp, said chuck being movable against said chuck clamp by said force applied by said piston whereby said chuck clamp applies a radially acting compressive force to said chuck and said spring biasing mechanism comprises a spring acting between said chuck and said chuck clamp to bias said chuck away from said chuck clamp.

61. (New) A tool as claimed in claim 59, wherein said spring biasing mechanism comprises springs acting between the jaws of said chuck to force the jaws apart.

62. (New) A tool as claimed in claim 53, wherein the power source comprises a source of pressurized fluid.